

One, Lot, Fly His
Alma^{na}h

AY 201 B6 B4

BICKERSTAFF'S ALMANACK,

FOR THE YEAR OF OUR LORD

I 7 8 3,

And from the CREATION of the World, 5732
Being the third after BISSEXTILE or Leap Year.

WHEREIN ARE CONTAINED

Lunations, Eclipses of the Luminaries, Sun and Moon's rising
and setting, Time of High Water, Courts in the Republics
of Massachusetts and Connecticut, Aspects, Judgment of
the Weather, &c. &c.

Calculated for the Horizon and Meridian of
B O S T O N,

Lat. 42 deg. 25 min. North : Long. 72 deg. 53 min.

West of the Meridian of London.

*But may without any sensible Error serve for any of
the neighbouring States.*

By ISAAC BICKERSTAFF, Esq;
PHILOMATHES.

*Stars were not made but for to light
Robbers and Burglars by night,
To wait on Drunkards, Thieves, Gold Finders,
And lovers saluting behind doors ;
For nobler ends they were design'd,
Events unknown they do portend ;
And wise the man who can apply
And grand events by them descry.*

B O S T O N : Printed for and sold by
NATHANIEL COVERLY, at his Shop near the
Sign of the Lamb.

COURTEOUS READER.

THE following *Astronomical EPHEMERIS* which was composed with much care, hard study and close application is now humbly presented to the public for their use and amusement (according to the nature of the subject) the ensuing year.

As to the *Astronomical Calculations* the author presumes he may without vanity venture to say, that they are performed to a sufficient degree of accuracy and correctness; should any errors, however be detected he wishes for the candor of the ingenious reader. The business of making a manock is indeed attended with much perplexity and difficulty; and tho' the art itself so far as it relates to the ascertaining of the motions, courses, rising and setting of the luminaries, their eclipses, the occultations and other phenomena of the stellar or planetary orbs, is most perfect, yet the greatest adept therein, can never pretend to such infallibility as that no errors shall ever escape him. As to the various temperaments and vicissitudes of the weather respecting heat and cold dry and wet, tho' these are effected altogether by the various influences, distances, positions, configurations, aspects, and combinations of the Heavenly bodies the sun and planets, in respect of this earth, as secondary causes, yet it is beyond the skill of the ablest astronomer to predicate with assurance as to the precise time when the events will happen; though he may generally come very near it; it is sufficient that he can announce to the world the general language of the heavenly bodies respecting the weather; and even this may be of special service to mankind.

That the reader may find his account in the perusal of the following performance, and that the ensuing, may be a happy and prosperous year to all his good citizens, and that the Stars in their courses may (under the kind auspices of heaven) be engaged by their benign influence, to bring forward a state of peace and tranquillity to our distressed country, is the most ardent wish of him, who has the honor to be the public's most obedient servant,

The A U T H O R.

The four Quarters of the Astronomical Year.

THE Spring Quarter begins March 20th 47 min. past noon.
 The Summer Quarter begins June 21st 3 min. past noon.
 The Fall, or Autumnal Quarter begins September 23d 16 min. P. M.
 The Winter Quarter begins December 21st 56 14 min. P. M.

THERE will be six Eclipses this year viz. Four of the SUN and two of the MOON, and in the following order.

I. The first will be a small Eclipse of the SUN in the 13th degree of λ March 3d, at 3 o'clock in the morning, invisible.

II The second will be of the MOON in the 29th deg. of μ . March 18, partly visible, total and nearly central.

Calculated as follows.

	h.	m.	s.	
Beginning,	2	52	23	} Afternoon. apparent time.
Immersion of Moon's centre,	3	23	2	
Beginning of total obscurity,	4	2	55	
Middle of the Eclipse,	4	42	48	
End of total obscurity,	5	22	41	
Emergence of Moon's centre,	5	52	34	
End & full recovery of light,	6	33	13	

Whole Duration 3h 40m 53s.

Duration Eclipse of Moon's center 2h 29m 32s.

Duration of total Obscurity 1h 19m 46s.

Quantity of greatest immersion 21 digits 3-4ths.

γ 's true Lat. at apparent opposition 1m 36s. South. increasing.

Semidiameter of the Earth's shadow at the moon 42m. 30s.

\odot 's Semidiameter, 16m 11s. δ 's Semidiameter 15m 52s.

N. B. The moon will rise but 43 minutes before the eclipse ends.

III. The third will be of the SUN in the 13th deg. of φ , April 18, about 4 o'clock P. M. invisible.

IV. The fourth will also be a small Eclipse of the SUN in the 5th deg of μ August 27th, visible in part, calculated as follows.

	h.	m.	s.	
Begins to appear at Springfield,	5	42	00	} Afternoon appar. time.
Time of greatest Obscuration,	6	15	00	
Middle of apparent duration at Spr. 6	6	16	00	
End of the appearance,	6	50	00	

Digits eclipsed 2 on the eastern side of the Sun. Whole duration 1h. 8m. γ 's true lat. at apparent conjunction 77m 31. N. increasing \odot 's Semidiameter 15m 57. δ 's Semidiameter, 15m. 10s. Semidiameter of the Earth's disk seen from the Moon, 55m. 49s. Semidiameter of the penumbra, 31m 7s.

V. The Fifth will be of the MOON in the 18th degree of
 ♄ September 10^h, partly visible, total and almost central.

Calculated as follows.

	h.	m.	s.	
Beginning	4	58	9	
Immersion of Moon's centre,	5	28	0	
Beginning of total Obscurity,	5	57	44	Afternoon
Middle of the eclipse,	6	47	45	} Apparent Time.
End of total obscurity	7	37	46	
Emergence of Moon's centre,	8	7	40	
End of the Eclipse.	8	37	21	

Whole Duration 3^h 39^m 12^s.

Duration of eclipse of Moon's centre, 2^h 39^m 40^s.

Duration of total obscurity, 1^h 40^m 28^s.

Quantity of greatest immersion, 21 digits.

☾'s true lat. at apparent opposition, 2ⁿ. 318. S. decreasing.

Semidiameter of the Earth's shadow at the Moon 43^m 51^s.

☾'s semidiameter 16^m 18. ☉'s semidiameter 16^m 24^s.

N. B. The moon will be eclipsed a little more than 6 digits
 when she rises.

VI. The last will be of the Sun in the 4th degree of ♊,
 September 26th, at about 7 o'clock in the morning, invisible.

Astronomical Notes, &c. for A. D. 1783

Prime or Golden No.	17	Year of Roman Indiction	18
EPOCH	20	of Julian Period	6496
Cycle of the Sun,	28	Easter Sunday April	30 th .
Dominical Letter,	E	St. John, Baptist, June	24 th
Year of Diocetian Period, 1012	31	St. John Evangelist, Dec.	27 th .

Names and Characters of the Planets.

☉ Sol or Sun. ☾ or ☾ the Moon. ♄ Saturno. ♃ Jupiter
 ♀ Mars. ☽ or ☽ Tellus or the Earth. ♀ Venus. ☿
 Mercury. The five Aspects, ☿ Conjunction, ♀ Opposition,
 Δ Trine, □ Quartile, ♁ Sextile.

Names and Characters of the 12 Signs of the Zodiac.

♈ Aries. ♉ Taurus. ♊ Gemini. ♋ Cancer. ♌ Leo
 ♍ Virgo. ♎ Libra. ♏ Scorpio. ♐ Sagittarius. ♑ Ca
 pricornus. ♒ Aquarius. ♓ Pisces.

♈ Dragons head or the ascending Node.

♏ Dragons tail or the Descending Node.

JANUARY hath 31 Days. 1783.

N O in their turns the snow and frosts produce,
 Various effects of necessary use.
 Th' intemperate heats of summer are controul'd,
 By winter's rigor and inclement cold.
 Which checks contagious fevers, noxious steams,
 The fatal offspring of immoderate beams.

New M. 3 day 4h 40m more | Full M. 18 day 8h 45m more.
 First Quar. 10 day 4h more. | Last Quar. 25 day 10 night.

M	W	Courts, Weather, &c.	R	☉	☽	Sea	D's	Plan	☉	☽
1	A	☉ Perigee.	7	31	5	10	12	18	6	54
2	B	Unsettled and	7	31	5	10	40	knees	7	29
3	C	High Tides.	7	30	5	11	16	17	☉	feels
4	D	perhaps	7	30	5	A	21	legs	6	1
5	E	falling weather	7	30	5	1	18	17	7	9
6	F	and a driving	7	29	5	2	8	feet	8	33
7	G	Int. G. Soft York & Worcester.	7	28	5	2	54	15	9	22
8	A	Storm of snow	7	28	5	3	40	28	10	46
9	B	Unthinking	7	27	5	4	21	head	11	51
10	C	or rain	7	26	5	5	7	24	Morn	
11	D	soon.	7	26	5	5	49	neck	1	10
12	E	Sleepy times.	7	25	5	6	33	19	2	0
13	F	D and 7 th touch.	7	24	5	7	20	arms	3	6
14	G	and slippery	7	23	5	8	10	12	4	11
15	A	D Apogee. ☉ runs high.	7	22	5	9	3	24	5	12
16	B	weather.	7	22	5	10	0	breaſt	6	16
17	C	Know then	7	21	5	10	50	22	7	16
18	D	more	7	20	5	11	19	heart	☉	Oriles
19	E	☉ enters my	7	19	5	M		12	5	53
20	F	moderate	7	18	5	0	6	25	7	7
21	G	and thawy	7	17	5	1	0	belly	8	12
22	A	weather some	7	16	5	1	44	20	9	14
23	B	Days. Wind	7	15	5	2	25	reins	10	26
24	C	and snow blasts.	7	14	5	3	10	16	10	54
25	D	Cold	7	13	5	3	59	secrets	Morn	
26	E	increases.	7	12	5	4	48	14	0	49
27	F	Snow or	7	11	5	5	38	28	2	5
28	G	☉ Perigee. Rain.	7	10	5	6	39	thigh	3	18
29	A	before long.	7	9	5	7	44	28	4	33
30	B	Sun clouded	7	7	5	8	40	knees	5	12
31	C	at turns.	7	6	5	9	52	27	6	18

1783.

FEBRUARY hath 28 Days.

THUS are the winter frosts to nature kind,
 Frosts which reduce excessive heats, and bind
 Prolific vapours in resistless chains,
 Whence parent earth her fruitfulness maintains:
 To compass all these happy ends she labours,
 In winding tracts does through the Zodiac run.

New Moon 1st day 1h Aftern. | Full Moon 17 day 3h morn
 First quart 9 day 1h Aftern. | Last quart 24 day 6h morn

M W	Calendar, Weather, &c.	R	☉	S	F	Sea	☉'s Place	R	☉	S
1 D	High Tides.	7	5	5	10	45	legs	D	fers	
2 E	much	He who	7	4	5	11	50	25	6	0
3 F	cloudy falling	few	7	3	5	1	41	feet	7	15
4 G	weather	in craft	7	1	5	1	24	23	8	20
5 A	about	shall	7	0	5	2	5	head	9	20
6 B	this	reap in	7	0	5	2	54	19	10	38
7 C	Time.	jealousy.	6	58	6	3	37	neck	11	43
8 D	UNCERTAIN TIMES.		6	56	6	4	19	14	More	
9 E	D near 7 th .	Try	6	55	6	5	18	26	0	43
10 F	Pleasant	before	6	54	6	5	56	arms	1	53
11 G	Strikes South 9h	☉ Apogee.	6	53	6	6	47	21	2	54
12 A	(S.C. Lith. I.C. Northamp		6	51	6	7	39	broe	4	0
13 B	weather for	you	6	50	6	8	31	14	4	50
14 C	the season.	truth.	6	48	6	9	21	26	5	34
15 D	Cold nights	Every	6	48	6	10	7	heart	6	15
16 B	but some	man	6	47	6	10	54	21	6	40
17 F	pleasant days.		6	45	6	11	38	belly	D	rile
18 G	S. C. Fairfield	☉ ene X	6	43	6	M	16	7	11	
19 A	rain or	both his	6	42	6	0	22	29	8	11
20 B	snow about	own	6	40	6	1	5	reins	9	24
21 C	these days	hobby.	6	39	6	1	54	26	0	32
22 D	Cold and	horse in	6	38	6	2	39	secrets	1	45
23 B	fair, westerly	his	6	36	6	3	31	24	More	
24 F	winds.	head.	6	35	6	4	29	tigh	1	5
25 G	I C Pitts. S C New Hav.		6	33	6	5	32	23	2	21
26 A	(☉ Perigee		6	32	6	6	35	knees	3	23
27 B	Raw cold or		6	31	6	7	39	22	4	14
28 C	chilly weather.		6	29	6	8	42	legs	4	55

VENUS will be morning star to the 4th of January then
 evening star to October 21, then morning star to the year's end.

SOME men who make the law their rule,
 Would bend it like a leaden tool :
 But he who throws his compass by,
 To sail by meteors in the sky,
 May chance to get in woe's plight,
 By following Iouis false light.

New Moon 3 Day 3^h more Full Moon 18 day 4^h 45 after.
 First Quarter 10 day 5^h after Last Quar. 25 day 12^h 15^m after.

M	W	C. uris, Weather, &c.	R	☉	☿	♂	♀	♂	♀	D	s	Pla	R	☉	S
1	D	Flying clouds,	6	28	6	9	30			20			5	31	
2	E	driz y raw	6	26	6	10	22			feet			5	58	
3	F	weather. ☉ Eclipsed	6	24	6	11	21			18			M	feet	
4	C	9 C Hartford, A	6	23	6	A	4			head			7	23	
5	A	Perhaps a great	6	22	6	0	42			14			8	20	
6	B	cold demur about	6	20	6	1	30			27			9	30	
7	C	Storm may affairs	6	19	6	2	10			neck			10	29	
8	B	Twilight shortest,	6	18	6	2	56			23			11	34	
9	E	be near of	6	16	6	3	42			arms			More		
10	F	Moon Apogee. Windy,	6	15	6	4	37			17			0	37	
11	C	cold chilly importance.	6	14	6	5	35			29			1	42	
12	A	Sirius 8 7 ^h am weather.	6	12	6	6	28			breast			2	49	
13	B	Moon South 8 ^h 21m.	6	11	6	7	21			23			3	40	
14	C	Perhaps Important	6	9	6	8	11			heart			4	17	
15	D	rain or snow, news	6	8	6	8	58			18			4	54	
16	E	flying clouds, from	6	6	6	9	45			belly			5	22	
17	F	way: little Europe	6	5	6	10	27			14			5	47	
18	C	S C Wind. b Moon eclipsed	6	3	6	11	8			26			M	rite	
19	A	Perhaps snow	6	2	6	11	56			teins			7	21	
20	B	or rain	6	0	6	M	00			22			8	32	
21	C	then Now proud	5	59	7	0	46			secrets			9	43	
22	D	clears off zephyrs	5	58	7	1	31			21			11	3	
23	E	pleasant, shake the	5	56	7	2	32			thighs			More		
24	F	Moon Perigee, forests.	5	55	7	3	17			19			0	5	
25	C	I C Worcester, S C Norwich	5	53	7	4	36			knees			1	28	
26	A	clear and	5	52	7	5	38			18			2	13	
27	B	cloudy by	5	50	7	6	40			legs			3	15	
28	C	inres,	5	49	7	7	36			17			3	34	
29	D	Signs of	5	48	7	8	24			29			4	8	
30	E	rain.	5	46	7	9	14			feet			4	28	
31	F	Windy.	5	45	7	9	52			17			4	40	

1783.

A P R I L hath 30 Days.

NOW Sol with genial warmth a ferment spreads,
 Regenerates the plants and new adorns the meads,
 The birds on branches perch'd or on the wing,
 With their melodious lays salute th Spring

New Moon 1 day 4h aftern | Full Moon 17 day 3h 30m morn
 First quar 9day 4h 30m af | Last quar 23 day 7h 15m night

M W	Courts, Weather, &c.	R	☉	S	P	Ses	D's Pla	R D S
1 G	I C N Haven Barst.	5	43	7	10	42	head	D feet
2 A	Clear and (☉ eclipsed	5	42	7	11	36	23	7 26
3 B	May horror.	5	41	7	12	16	neck	8 27
4 C	pleasant seize his	5	39	7	1	3	18	9 25
5 D	moist midnight	5	38	7	1	49	arms	10 40
6 E	weather. hour who	5	36	7	2	40	12	11 40
7 F	Moon Apogee. builds	5	35	7	3	40	24	Morn
8 G	S C Charlestown. I C Ply York	5	33	7	4	20	breast	0 52
9 A	rain upon a	5	32	7	5	3	17	1 34
10 B	about Strumpet's	5	31	7	6	5	29	2 10
11 C	this time power,	5	29	7	6	54	heart	2 56
12 D	Variable and	5	28	7	7	39	24	3 30
13 E	Winds, claims	5	27	7	8	25	belly	3 54
14 F	☉ and clock together.	5	25	7	9	7	21	4 17
15 G	I C Bost. Falm. Fairb	5	24	7	9	58	rain	4 40
16 A	Southern by	5	23	7	10	46	18	5 11
17 B	Gales purchase	5	21	7	11	30	secrets	D rise
18 C	some vile and	5	20	7	11	00	16	9 4
19 D	showers, or base	5	19	7	0	35	thighs	10 13
20 E	fneaky a loathsome	5	17	7	1	34	15	11 17
21 F	Moon Perigee.	5	16	7	2	28	29	Morn
22 G	S C Worcester. I C Litchfield,	5	15	7	3	31	knees	0 12
23 A	weather maid for	5	13	7	4	36	28	1 7
24 B	perhaps his	5	12	7	5	37	legs	1 51
25 C	some embrace,	5	11	7	6	31	27	2 19
26 D	want Interesting	5	9	7	7	24	feet	2 42
27 E	of rain news	5	8	7	7	7	24	3 8
28 F	about to	5	7	7	8	42	head	3 20
29 G	S C Northampton.	5	6	7	9	29	19	3 44
30 A	these days America.	5	4	7	10	10	neck	4 4

NOW bright Apollo with his cheering beams,
 makes the glad earth with fresh conception teem,
 Restores their leafy honors to the wood,
 Flowers to the banks and freedom to the flood.

New Moon 1 day 4^h morn.Last quar 23 day 3^h night.First quar 9 day 9^h forenoon

New Moon 30 day 10 night.

Full Moon 16 day 1^h 45^m fore

M W	Counts, Weather, &c.	R	O	S	F	Sea	D's	M	R	O	S
1 B	Cloudy, Do good with	5	3	11	3	14					Miles
2 C	thou what thou hast	5	2	7	1	51	26				8 33
3 D	fair or it will	5	1	7	A	40	arms				9 37
4 E	Moon Apogee. do thou no	4	59	8	1	30	20				10 41
5 F	by turn. good	4	58	8	2	20	breast				11 34
6 G	Vac. Yale College.	4	57	8	3	10	14				Miles
7 A	Gen. Elect. Newport.	4	56	8	4	2	26				0 20
8 B	Gen Election Hartford,	4	55	8	4	54	heart				0 56
9 C	Fine weather. Money	4	54	8	5	40	20				1 35
10 D	but too flies about	4	53	8	6	21	belly				2 1
11 E	chilly mornings and	4	52	8	7	5	15				2 18
12 F	and evenings how many	4	51	8	7	59	29				2 44
13 G	for the fly after it	4	50	8	8	35	times				3 4
14 A	growth of and it is too	4	49	8	9	27	26				3 24
15 B	vegetables. true to	4	47	8	10	18	feet to				3 52
16 C	Fresh breezes. make a	4	46	8	11	18	25				Miles
17 D	Expect a jest of, larri	4	46	8	M	00	thighs				9 7
18 E	letted bear the	4	45	8	0	19	25				10 20
19 F	Moon Perigee. name	4	44	8	1	24	hairs				11 2
20 G	IC Spring, Camb. SC Plum	4	43	8	2	29	24				11 46
21 A	rain but money	4	42	8	3	30	legs				horn
22 B	about this bears the	4	41	8	4	23	22				0 16
23 C	time rusting	4	40	8	5	16	feet				0 44
24 D	GRAND NEWS. tower	4	39	8	6	5	20				1 12
25 E	uncle is the True	4	38	8	6	43	head				1 6
26 F	wind courage is	4	38	8	7	16	14				1 38
27 G	he always	4	37	8	8	14	29				2 12
28 A	Gen Elect. Boston just	4	36	8	8	54	neck				2 24
29 B	potatoes, and	4	36	8	9	42	23				3 1
30 C	which will humane.	4	35	8	10	28	arms				Miles
31 D	make cool nights.	4	34	8	11	27	17				8 1

1783. J U N E bath 30 Days.

THE heat of Summer benefits produce,
Great in their number and of general use,
The sprouting birchs, and beauteous vernal bloom,
By warmer rays to full perfection come.

First quart. 8 day 12h 30m morn | Last quart 21 day 11h night,
Full Moon 15 day 7h night | New Moon 29 day 11h 1-2 for

M	W	Courts, Weather, &c.	R	☉	3	F	Sea	D's Pla	R	D	S
1	E	☽ Apogee. Now Fortune	4	34	8	A	20	wrest	8	57	
2	F	and then seldom shew	4	33	8	1	12	11	10	23	
3	G	☿ C Worc. & Pownalboro	4	32	8	2	15	27	11	8	
4	A	a hot day herse-f noble	4	32	8	2	38	heart	11	21	
5	B	but chilly but to minds	4	31	8	3	32	17	11	58	
6	C	evenings which are	4	31	8	4	17	29	Mora		
7	D	and mornings generous	4	30	8	4	56	belly	0	23	
8	E	It may and brave	4	30	8	5	38	24	0	42	
9	F	Soon gather Fortune is	4	29	8	6	24	rains	1	1	
10	G	☿ C Taunt. N. Lond.	4	29	8	7	12	21	1	23	
11	A	for thunder an incon	4	29	8	8	4	secrets	1	47	
12	B	showers or flant jilt	4	28	8	9	0	20	2	16	
13	C	settled rain. and then	4	28	8	9	59	thighs	2	47	
14	D	High Tides. are fools	4	28	8	10	55	19	3	28	
15	E	☽ Perigee ☉ & Clock toge	4	28	8	11	00	knees	Drises		
16	F	Thunder who put it	4	27	8	0	10	18	9	36	
17	G	☿ C Ipswich in her	4	27	8	1	13	legs	9	57	
18	A	heat increases power to	4	27	8	2	9	18	10	45	
19	B	which may play	4	27	8	3	7	feet	11	10	
20	C	bring on tricks	4	27	8	3	57	16	11	29	
21	D	more with them.	4	27	8	4	43	head	11	47	
22	E	thunder Hard times	4	27	8	5	23	13	Mora		
23	F	shave a. enough	4	27	8	6	9	27	0	9	
24	G	☿ C York ☿ C Barnst Windh	4	27	8	6	54	neck	0	37	
25	A	Fresh gales but	4	27	8	7	39	21	1	1	
26	B	of wind. like	4	27	8	8	22	arms	1	29	
27	C	Now the to be	4	27	8	9	11	14	2	6	
28	D	heat increases harder.	4	28	8	9	54	27	2	41	
29	E	☽ Apogee.	4	28	8	10	52	breast	☽ sets		
30	F	☉ Aphelion.	4	28	8	11	48	19	8	49	

OBSERVE the pleasant lawn and airy plain,
 The fertile furrows rich with various grain,
 How useful all, how all conspire to grace,
 The extended earth and beautify her face
 How do the forests and the woods delight,
 How the sweet glades and vales do charm the sight.

First Qu. 7 day 10h morn. Last quar. 21 day midnight
 Full Moon 14 day 2h morn. New Moon 29 day 3h 30m morn

M	Days	Courts, Weather, &c.	R. ☉	F. Sta	D's Pa R. ☉ S
1	C	Falm. 1 C Plim.	4 28 8	A 35	heart 9 23
2	A	saltry What heaven	4 29 8	1 21	13 9 52
3	B	hot. ordains no	4 29 8	2 6	25 10 12
4	C	Expect, prudence can	4 29 8	2 48	belly 10 39
5	D	thunder prevent.	4 30 8	3 35	20 11 2
6	E	showers Exemplary	4 30 8	4 14	rein 11 23
7	F	about, manners are	4 31 8	4 56	16 11 54
8	G	1 C Bost. Salem York.	4 31 8	5 45	29 Morn
9	A	these days. absolutely	4 32 8	6 38	secrets 0 5
10	B	It is to be necessary to	4 32 8	7 37	28 0 37
11	C	wished there him who	4 33 8	8 38	thigh 1 17
12	D	may be would censure	4 34 8	9 43	27 1 58
13	E	● Perig. as good others.	4 34 8	10 44	knees 2 13
14	F	High tides harvest	4 35 8	11 50	27 ● les
15	G	weather this Wicked	4 36 8	12 00	legs 8 32
16	A	Commenc. Camb. men	4 36 8	0 46	27 9 2
17	B	year as are fearful and	4 37 8	1 40	feet 9 26
18	C	there was well they may	4 38 8	2 27	24 9 46
19	D	last. be.	4 39 8	3 12	head 10 8
20	E	now we It is a poor	4 39 8	3 58	22 10 32
21	F	may mean pretence	4 40 8	4 44	neck 10 58
22	G	expect extream to Merit.	4 41 8	5 30	17 11 28
23	A	hot to make it	4 42 8	6 17	29 Morn
24	B	saltry weather appear	4 43 8	7 5	arms 0 1
25	C	Dog days begin. by	4 44 8	7 42	23 0 29
26	D	Apogee. night exposing	4 45 8	8 45	breast 1 31
27	E	and day for the	4 46 8	9 36	17 2 33
28	F	some time faults of	4 47 8	10 24	28 3 42
29	G	Signs of others.	4 48 8	11 18	heart ● fels
30	A	rain Make hay while the	4 49 8	A 3	22 8 20
31	B	fall. sun shines.	4 50 8	0 45	belly 8 41

THE fragrant trees which grow by India's floods,
 And in Arabia's aromatic woods,
 Owe all their spices to the summer's heat,
 Their gummy tears and odoriferous sweat.

First quar 5 day 9h night | Last quar. 19 day 1h aftern.
 Full Moon 12 day 9h morn. | N Moon 27 day 5h 30m after

M	W	Calendar, Weather, &c.	R	☉	Psea	☉'s Pl	R	☉	8
1	C	Good bay weather	If	4 51 8	1 28	17	9	1	
2	D	Extreme	you fall	4 52 8	2 10	29	9	21	
3	E	hot and	into	4 53 8	2 56	renew	9	48	
4	F	perhaps dry	misfortune	4 54 8	3 36	25	10	4	
5	G	as signs of	creep thro	4 55 8	4 28	leavers	10	32	
6	A	rain fail.	these bushes	4 56 8	5 20	22	11	5	
7	B	No	which have	4 57 8	6 20	twigh	11	45	
8	C	news.	least briars	4 59 8	7 22	21	Morn		
9	D	☉ Perigee.	Sincerity is	5 07	8 28	knives	0	34	
10	E	Perth pt	the nearest	5 17	9 33	21	1	40	
11	F	thunder	way to success	5 27	10 33	legs	2	59	
12	G	S C Litchfield.	Fears	5 37	11 30	21	D	the	
13	A	and	and anxieties	5 57	12 00	feet	7	29	
14	B	sharp	perplex the	5 67	0 15	19	7	54	
15	C	Lightning,	minds of	5 77	1 4	head	8	18	
16	D	flying clouds	the	5 87	1 56	16	8	42	
17	E	and	deceitful.	5 107	2 39	30	9	5	
18	F	Some wind	A	5 117	3 25	week	9	32	
19	G	condy	contempt	5 127	4 12	25	10	3	
20	A	and fair	of reputation	5 137	5 1	seems	10	41	
21	B	by turns.	leads to a	5 157	5 52	20	11	31	
22	C	with	contempt	5 167	6 44	bread	Morn		
23	D	☉ Apogee.	of Virtue.	5 177	7 26	14	0	32	
24	E	Fresh gales	No man	5 197	8 15	25	1	21	
25	F	hot and	can be	5 207	9 10	heart	2	30	
26	G	I C Springfi. S C N. Har		5 217	9 58	19	3	38	
27	A	☉ vis. eclipsed. (Boston		5 227	10 40	belly	D	sets	
28	B	Perhaps.	totally	5 247	11 30	13	7	12	
29	C	Some want	abandoned us	5 257	12	26	7	33	
30	D	of rain.	till he has	5 277	0 57	reins	7	55	
31	B		lost all sense of shame	5 287	1 46	21	8	20	

SEPTEMBER hath 30 Days. 1783.

NOW Autumn comes, the sun's withdrawing rays,
The night enlarges and contracts the days,
To crown his labour to the farmer yields,
The yellow treasures of the fruitful fields.

The fragrant fruits for the nice palate fits,
And to the press the swelling grape submits.

First quar. 4 day 3h, morn | Last quar 18 day 11h 10 morn
Full Moon 10 day 7h after | New Moon 26 day 7h 1-2 fore.

M	W	Courts, Weather, &c.	R	☉	8	R	☿	D's Pla	R	D's
1	F	Perhaps cloudy,	5	30	7	2	30	secrets	8	40
2	G	IC Worc. & Gr. Barrington.	5	31	7	3	20	19	9	8
3	A	(S C Hartf.	5	32	7	4	15	thighs	9	45
4	B	Commenc. Prov. Dog days	5	34	7	5	18	17	10	36
5	C	Pleasant, (end.	5	35	7	6	22	knees	Morn	
6	D	☿ Perigee.	5	36	7	7	24	16	0	14
7	E	Serene weather,	5	37	7	8	24	legs	0	43
8	F	then cloudy.	5	39	7	9	18	15	2	0
9	G	IC Concord & Taunton.	5	40	7	10	15	feet	3	20
10	A	Com. New Hav. D vis.	5	42	7	11	9	14	D's feet	
11	B	(eclipsed.	5	43	7	11	50	28	6	21
12	C	☿ greatest elonga. occidental	5	44	7	M	00	head	6	46
13	D	A fine	5	46	7	0	34	24	7	10
14	E	temperament of	5	47	7	1	20	neck	7	44
15	F	weather.	5	49	7	2	16	20	8	14
16	G	S. C. Worcester & Windham	5	50	7	3	11	arms	8	58
17	A	Commence. Dart. College.	5	51	7	4	0	15	9	40
18	B	Perhaps cloudy,	5	53	7	4	43	27	10	24
19	C	dull weather Much	5	54	7	5	35	breast	11	16
20	D	☿ Apogee. about meat	5	56	7	6	25	21	Morn	
21	E	this much	5	57	7	7	16	heart	0	33
22	F	time. malady.	5	58	7	8	6	16	1	41
23	G	SC Spring. IC Newb Barnf	6	0	6	8	51	28	2	44
24	A	Some	6	2	6	9	33	belly	3	46
25	B	rain Finery	6	3	6	10	15	23	4	50
26	C	☉ Eclipsed. and poverty	6	4	6	11	3	win	D's feet	
27	D	soon. go hand	6	6	6	11	43	18	6	25
28	E	now in hand.	6	7	6	A	35	secrets	6	49
29	F	cool mornings	6	8	6	1	22	15	7	14
30	G	and evenings.	6	10	6	2	24	20	7	59

THE meads their flow'ry pride no longer wear,
 And trees extend their naked arms in air.
 The frozen furrow and the fallow field,
 Nor to the spade nor to the harrow yields.

First quar 1 day 3h Aftern. Last quar. 16 day 11h night
 Full Moon 8 day 9h 30m nig N Moon 24 day 7h 30m morn

MW	Cal-endar, Wen her, &c.	R	☉	S	FSea	☉'s Pl	R	☉	S
1D	The man who prais	6	54	6	5	25	legs	11	10
2E	Windy drinking hands	6	56	6	6	19	21	Morn	
3F	and cold, a sot	6	57	6	7	9	feet	0	27
4G	S C Sa'em I C Hartford.	6	58	6	7	57	19	1	37
5A	Perhaps convicted on	6	59	6	8	44	head	2	53
6B	a settled his own evidence	7	1	5	9	27	16	4	4
7C	rain It is better	7	2	5	10	12	29	5	9
8D	about these to destroy	7	3	5	10	58	neck	D	rile
9E	days the wickedness	7	4	5	11	57	24	5	0
10F	than the itself	7	5	5	M	00	arms	5	26
11G	I C Northamp. & New Hav	7	7	5	0	35	19	6	26
12A	cold will than the	7	8	5	1	31	broad	7	16
13B	increase, wicked	7	9	5	2	21	13	8	14
14C	● Apogee. men.	7	10	5	3	8	25	9	23
15D	which He that follows	7	11	5	3	58	heart	10	22
16E	forewarns recreation and	7	12	5	4	44	19	11	29
17F	us neglects his	7	13	5	5	28	belly	Morn	
18G	I C Fairfield business,	7	14	5	6	14	14	0	34
19A	of approaching will soon	7	15	5	6	54	26	1	38
20B	winter. have no	7	16	5	7	35	reins	2	40
21C	High winds business	7	17	5	8	18	23	3	47
22D	which to follow.	7	18	5	9	7	secrets	5	0
23E	may Mind your	7	19	5	9	59	20	6	14
24F	bring Shop and	7	20	5	11	2	thighs	D	sets
25G	I C Norwich. your shop	7	21	5	A	9	18	5	16
26A	rain or will mind	7	22	5	1	10	knees	6	22
27B	Snow you.	7	23	5	2	8	17	7	29
28C	● Perigee. Content is	7	23	5	3	16	legs	8	58
29D	in some real	7	24	5	4	11	18	10	15
30E	places. happiness.	7	25	5	5	3	feet	11	30

1783. DECEMBER hath 31 Days

SHOULD but the Sun his duty once forget,
Nor from the north nor from the south retreat,
Unfruitful earth her wretched fate would mourn,
No grass would cloath the plains, no fruit the trees adorn

First Qua 1 day 27m morn. New M 23 day 7h 30m night
Full M 8day 2h afternoon. First quar. 30day, 11 foren.
Last Quar. 16day 5h 30m aft.

M/W	Courts, Weather, &c.	R	☉	S	P	Sea	D's	Pla	R	☉	S
1 F	Ingratitude is	7	26	5	5	50	13		Morn		
2 G	Inf. G. Worces. & Barnsta.	7	26	5	6	35	29		0	36	
3 A	benious a crime,	7	27	5	7	21	head		1	47	
4 B	Snow or that no	7	28	5	8	4	26		2	59	
5 C	rain but one will	7	28	5	8	56	neck		4	6	
6 D	may turn even himsel	7	29	5	9	45	22		5	17	
7 E	off moderate. guilty of	7	29	5	10	33	arms		6	26	
8 F	Cloudy. it.	7	30	5	11	20	16	Griles			
9 G	I C Plym. & Windham.	7	30	5	M	00	28		5	0	
10 A	D Apogee. Within our	7	31	5	0	10	breast		6	5	
11 B	Cold, smart courts may	7	31	5	1	1	21		7	6	
12 C	weather with it not be	7	32	5	1	50	heart		8	7	
13 D	driving snow, said,	7	32	5	2	32	15		9	8	
14 E	makes wood That justice	7	32	5	3	14	27		10	8	
15 F	burn faster from the	7	32	5	3	54	belly		11	13	
16 G	I C Taunt. world	7	33	5	4	37	21	Morn			
17 A	than it is fled.	7	33	5	5	0	rcins		0	30	
18 B	can grow Now	7	33	5	5	20	17		1	21	
19 C	Cold and Boreas with	7	33	5	6	0	secrets		2	33	
20 D	frosty his breath the	7	33	5	6	45	14		3	38	
21 E	weather. eastern coasts	7	33	5	7	34	29		4	54	
22 F	Snow. commands.	7	33	5	8	18	thigh		6	6	
23 G	☉ & Clock together. while	7	33	5	9	27	28	☉	for		
24 A	Full Tides. lofty hills	7	33	5	10	29	knees		5	0	
25 B	☉ Periges. in frozen	7	33	5	11	41	27		6	17	
26 C	Cold, armour	7	33	5	A	43	legs		7	37	
27 D	weather. Hand.	7	33	5	1	44	27		8	56	
28 E	Frosty weather. ☉	7	32	5	2	38	feet		10	8	
29 F	See next year's	7	32	5	3	25	25		11	32	
30 G	I C Salem. Snow	7	32	5	4	17	head	Morn			
31 A	ALMANACK.	7	32	5	5	2	23		0	32	

*Some strictures concerning Eclipses both of the Sun
and Moon.*

'Tis when the Moon does interpose and shade
'Twixt Sun and earth the Sun's Eclipse is made ;
Bat when the Earth doth interpose between
The Sun and Moon, the Moon's Eclipse is seen.

AN Eclipse of the Sun is occasioned by the interposition of the body of the moon, or some part of it between us and the Sun, which can never happen, but at the change, conjunction or new moon. An eclipse of the Moon is occasioned by the immersion of her body, either wholly or in part, into the shadow of the earth, which can never happen but at the time of opposition or full moon. Did the plain of the Moon's orbit perfectly coincide with that of the earth or ecliptic, there would be annually as many eclipses of each luminary as there are lunations or lunar months, for in that case it would be impossible for the moon to pass by the sun at her conjunction with him, without apparently passing over his disk ; or at her opposition, to pass by the Earth's shadow, without plunging into it. But by reason that the plain of the moon's orbit does not coincide with that of the ecliptic [which is the sun's apparent annual path] but intersects it at an angle of about 5 degrees ; it is evident that for the most part she will be carried in her orbit, at some distance from the ecliptic, and not less than 5 degrees in her greatest evagations therefrom, and that she can never come within the plain of the ecliptic but in two points only, viz. those of her nodes, or the two points of the intersection of the orbits of the earth & moon, which two points are one semicircle or 180 degrees distant from each other ; that therefore no eclipse can happen but at such conjunctions or oppositions which take place when the sun is at or in the vicinity of one or other of these nodes ; for it is only then that the moon can be apparently so near the sun (which is always in the plain of the ecliptic) as to pass over any part of his disk at the conjunction ; or so near the opposite point, as to fall into the shadow of the earth, at the time of Opposition. Hence eclipses, whether of the sun or moon must happen, not only at the time of conjunction or opposition but at those conjunctions or oppositions only, which fall out when the sun is at or near one or other of the nodes. And as the sun in his apparent annual course passes through all the

signs of the zodiac or ecliptic, so he must come to each node every year, though at different times in the year. At which season there must inevitably happen eclipses, though there can be none at any other season.

There are never in one year more than seven nor less than two eclipses, the most usual number is four, there are sometimes six (as this present year) sometimes five and sometimes three. Seven eclipses can never happen in one and the same year (consistent with the present system of nature) oftener than once in a period of nineteen years nearly, and very rarely short of several such periods. When there are but two eclipses in one year, they are always both of the sun, and it is not possible that any year should pass but the sun will be twice eclipsed, viz. once when he is about either node. But there are frequently instances when no eclipse of the moon either visible or invisible will happen throughout the whole year.

Were every year divided into an even or equal number of lunations or lunar months; or did each year expire with the exact completion of an even or equal number of such months, and the nodes at the same time remain fixt to the same points in the ecliptic, there would be annually the same number of eclipses, at the same time, and with the same phases, in one year as in another to the end of time. But by reason that the lunar periods do in no wise coincide with the solar, and also that the nodes do shift their place near 20 degrees annually in a retrograde order of the signs, or from east to west, there is therefore no connection between the eclipses which happen in one year and the next, either as to the time, number, quantity of obscuration, or any other of the phases, but in all these respects they will happen very diverse.

This annual diversity of eclipses is therefore wholly occasioned by the diversity of situations of the luminaries in respect to the nodes at those conjunctions or oppositions which happen when the Sun is nearest thereto. Thus, should a Conjunction or change of the moon happen, when the Sun is at, or within two degrees of either node, there can in that year happen but two eclipses and both of the Sun, both very large and nearly central as viewed from the center of the earth.

Again, should the Moon's opposition to the Sun happen when the latter is at or within two or three degrees of the node, there will then be six eclipses that year, viz. two of the

moon and four of the sun (as in the present year) the moon eclipsed when in the opposition nearest each node, and the sun at each conjunction before and after it; In this case the eclipses of the moon will both be total and nearly or wholly central and those of the sun but very small.

Further should a Conjunction or new moon happen when the sun is at the distance of about eight or nine degrees of the node, on either side, there would be four eclipses that year, viz. two of each luminary about each node, in which case each of the Eclipses are for the most part partial.

Again, should a conjunction happen when the sun is about 10 or 11 degrees from either node, there may be but five eclipses that year, viz. two of the moon and three of the sun, three of which will happen about one node and two about the other; the lunar eclipses total, and the solar about 5 or 6 digits viewed from the centre of the earth.

Lastly, should a conjunction happen when the sun is at the distance of about three degrees of either node, there may happen three eclipses that year, viz. one of the sun and moon about one node, and only one of the sun about the other: In this case each eclipse of the sun will be large, and that of the moon but small. All which is as well taught from real facts, as clearly seen in theory from the nature of things, by such as are well skilled in the science of Astronomy.

ON HEALTH.

WOULD ye, ye fair, with health your charms adorn,
Rise with the lark, and hail the crimson morn,
To some fair hill or verdant lawn repair,
And taste the sweets of exercise and air.
Health a kind gift from heaven sent,
When added to a mind content,
Will every want and wish supply.
And yield true joys which never die;
What is grandeur, power or wealth?
All fleeting nothings, without health.

A Rule to know the Time of Night, by the Shadow of the Moon on the Sun Dial.

OBERVE the hour on the Sun dial on which the Moon's Shadow falls; then find how many days have passed since the change, three quarters of that number, added to the hour shewn by the shadow, gives you the hour of the night nearly.

A remarkable Instance of Parental Affection.

ZALEUCUS, prince of the Locrians, made a decree, that whoever was convicted of adultery should be punished with the loss of both his eyes. Soon after this establishment the legislator's own son was apprehended in the very fact and brought to a public trial. How could the father acquit himself in so tender and delicate a conjuncture? Should he execute the law in all its rigour? This would be worse than death to the unhappy youth. Should he pardon so notorious a delinquent? This would defeat the design of his salutary institution. To avoid both these inconveniences he ordered one of his own eyes to be pulled out, and one of his son's.

Remarkable Instance of FRIENDSHIP.

DAMON being sentenced by Dionysius of Syracuse, to die on a certain day, he begged permission to retire to his own country, to set the affairs of his disconsolate family in order. This the tyrant intended peremptorily to refuse, by granting it as he conceived, on the impossible conditions of his procuring some one to remain as hostage for his return under equal forfeiture of life. Pythias heard the conditions, and did not wait for an application upon the part of Damon; he instantly offered himself as security for his friend, which being accepted Damon was immediately set at liberty. The King and all the courtiers were astonished at this action, and therefore when the day of execution drew near, his Majesty had the curiosity to visit Pythias in his confinement. After some conversation on the subject of friendship, in which the tyrant declared it as his opinion that self-interest was the sole mover of human actions; as for virtue, friendship, benevolence, love of one's country, and the like, he looked upon them as terms invented by the wise to keep in awe and impose upon the weak. My Lord, said Pythias, with a firm voice and noble aspect I would it were possible that I might suffer a thousand deaths rather than my friend should fall in any article of his honour. He cannot fall therein my Lord. I am as confident of his virtue as I am of my own existence. But I pray, I beseech the Gods, to preserve the life and integrity of my Damon together, oppose him ye winds, prevent the eagerness and impatience of his honourable endeavours, and suffer him not to arrive, till by my death I have redeemed a life a thousand times of more consequence, of more value than my own; more estimable to his

lovely wife, to his precious little innocents, to his friends, to
 his country O leave me not to die the worst of deaths to my
 Demon " Dionysius was awed and confounded by the dignity
 of these sentiments and by the manner in which they were ar-
 gued ; he felt his heart struck with a slight scold of impending
 truth ; but it served rather to perplex than undeceive him.
 The fatal day arrived, Pythias was brought forth and walked
 amidst the guards with a serene but sad air, to the place
 of execution. Dionysius was already there ; he was exalted
 on a moving throne, drawn by six white horses and sat passive
 and attentive to the prisoner. Pythias came, he vaulted light-
 ly on the scaffold, and beholding for some time the apparatus
 of his death, he turned with a placid countenance, and address-
 ed the spectators : " My prayers are heard " he cries " the
 Gods are propitious you know, my friends, that the winds have
 been contrary till yesterday. Damon could not come, he could not
 conquer impossibilities : But he will be here tomorrow, and the
 blood which is shed to day shall have redeemed the life of my
 friend O could I escape from your bosoms every doubt, every
 mean suspicion of the honour of the man for whom I am about to
 suffer, I should go my death even as to my belief. Be it suffi-
 cient, in the mean time, that my friends will be found noble, that
 his truth is unimpeachable, that he is now on his way, hurrying
 on, accusing himself, the adverse elements and the Gods ; but I
 haste to prevent his speed : Executioner to your office." As he
 pronounced the last words, a buz began to arise among the re-
 motest of the people : a distant voice was heard, and stop stop
 the execution was repeated by the whole assembly : a man came
 at full speed ; the throng gave way at his approach, he was
 mounted on a steed of foam : in an instant he was off his horse
 on the scaffold, and held Pythias firmly embraced. " You are
 safe " he cried, " you are safe, my friend, my beloved friend,
 the gods be praised you are safe. I now have nothing but death
 to suffer, and I am delivered from the anguish of those reproach-
 es which I gave myself, for having endangered a life so much
 dearer than my own " Pale, cold, and half speechless in the
 arms of his Damon, Pythias replied in broken accents—
 " Fatal haste ! Cruel impatience ! What envious powers have
 wrought impossibilities in your favour, but I will not be wholly
 disappointed, since I cannot die to save you I will not survive
 you." Dionysius heard, beheld and considered all with astonish-

ishment. His heart was touched, he wept, and leaving his throne, he ascended the scaffold. "Live, live, ye incomparable pair!" he cried. "ye have borne unquestionable testimony to the existence of virtue; and that virtue equally evinces the existence of a God to reward it. Live happy live renowned! and O form me by your precepts, as ye have invited me by your example, to be worthy of the participation of so sacred a friendship.

VACATIONS at HARVARD COLLEGE.

FROM Commencement, 4 weeks. From the third Wednesday in October, 2 weeks. From the first Wednesday in January, 5 weeks. From the second Wednesday in April, 2 weeks.

A TABLE of the Weight and Value of GOLD

COINS.

	dw:	gr	£.	s	d
Guinea,	5	9	1	8	0
Half do.	2	16	0	14	0
Moidore,	6	22	1	16	0
Half do.	3	11	0	18	0
4 Pistole's Piece,	17	8	4	8	0
Half do.	8	16	2	4	0
Pistole.	4	8	1	2	0
Half do.	2	4	0	11	0
Double Johannes,	18	10	4	16	0
Single do.	9	5	2	8	0
Half do.	4	14	1	4	0
Quarter do.	2	7	0	12	0

MATHEMATICAL QUESTION.

A Merchant had a stone which he kept as a weight for his scales which weighed just 121 pounds; finding it fall it was broke into five pieces, with which he could then not only weigh just 121 pounds as before, but also every single pound under 121. What must each fragment weigh?

For a WATCH.

COULD but our temper move like this machine,
Not urg'd by passion, nor delay'd by spleen;
And true to nature's regul'ing power,
By virtuous acts distinguish every hour;
Then health and joy would follow as they ought,
The laws of motion, and the laws of thought,
Sweet health to pass the present moments o'er,
And endless joy, when time shall be no more.

[illegible]

Memorable EVENTS of the WAR.

JANUARY 3, 1777. Battle at Princetown. February 6, 1776, Treaties of Alliance &c. with France. March 17, 1776, British left Boston. April 19, 1775, Bat. at Lexington. 25th, 1777, Danbury burnt. 29th do. Gen. Wooster killed. May 7, 1776, Siege of Quebec raised. May 13, 1774, Gen. Gage arrived at Boston. June 11, 1779, St. Vincent taken. 17th 1773, Battle at Sugar Hill. 28th 1778, Battle at Monmouth. Do. 1776, Battle at Sullivan's Island. July 4, 1776, Independence declared. 5th, 1777, Ticonderoga abandoned. Do. 1779 Grenada taken. 9th do. Fairfield burnt. 11th 1776 Battle at Great Bridge, Virginia. 12th 1779 Norfolk burnt. 16th do. Stony Point taken. 28th, 1778 Count d'Estaing arrived at Rhode Island. August 9, 1778 Gen. Sullivan landed on Rhode Island. 14th 1779, Siege of Penobscot raised. 16th 1777, Battle at Bennington. 18th 1779, Paulus Hook taken. 23d 1778, D'Estaing leaves Rhode-Island. 26th 1777, Gen. How lands at the head of Elk. 27th 1776, Battle at Long-Island. 29th 1778, Battle at Rhode Island. 30th 1778, Gen. Sullivan retreated from Rhode Island. Sept. 5, 1774, First Congress met at Philadelphia. 6th 1781, New London burnt by Arnold. 11th 1777 Battle at Brandywine. 15th 1776, New York taken. 19th 1777, Battle at Red Bank. 23d 1780, Major Andre taken. 27th 1777, Philadelphia taken by Gen. How. Oct 2, 1780, Major Andre hanged. 4th 1777, Battle at Germantown. 7th 1777, Battle at Red Bank. 10th 1779, D'Estaing repulsed at Georgia. 17th 1777, Gen. Burgoyne surrendered. 18th 1775, Portsmouth destroyed by Mowatt. Do. 1781, Cornwallis surrendered. 20th 1779, D'Estaing retreated from Georgia. 22d 1777, Hessians repulsed at Red Bank. 24th 1779, British evacuated Rhode Island. Nov 5th 1778 D'Estaing sails for Boston. 15th 1777, Mud Island taken. 16th 1776, Forts Washington and Mifflin taken. Dec 10th 1775 Battle at Gwynn's Island (Virginia) 14th 1778, St. Lucia taken from the French. 16th 1773, Tea destroyed in Boston. 31st 1775, Gen. Montgomery killed.

THOUGHTS on several subjects

Listen attentively to the remarks made by enemies.

Throw scornful self out of your mind, if you think of being
(truly great in spirit)